

APPROVED TENDER SCHEDULE - 'B'

Item-08

Name of Work: Improvements to roads drains and other developmental works in Ananthapura Attur Ward No 03 under SWM head
n Chief Minister Nava Nagarothan grants of yelahanka division Package - 08

Sl	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor	
				Rate	Rate in Words
1	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (I No-19.1,P No-141), 10km lead = (1.28x2x8)+57.	Cum	9070.98	231.42	Rupees Two Hundred Thirty One and Paise Forty Two Only
2	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications. Data Rate a) 40mm Jelly	Cum	7.68	1996.05	Rupees One Thousand Nine Hundred Ninty Six and Paise Five Only
	b) 20mm Jelly	Cum	7.41	1996.05	Rupees One Thousand Nine Hundred Ninty Six and Paise Five Only
	c) Coarse sand.	Cum	5.77	2783.55	Rupees Two Thousand Seven Hundred Eighty Three and Paise Fifty Five Only
	d) Fine Sand	Cum	3.84	2783.55	Rupees Two Thousand Seven Hundred Eighty Three and Paise Fifty Five Only
	e) 12.5mm chips	Cum	5.77	1996.05	Rupees Two Thousand Seven Hundred Eighty Three and Paise Fifty Five Only
3	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984- 995 with latest amendments and conveying to work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe around to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bends, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. for : HDPE Grade PE80-PN6.0, 630 mm dia. (Perforated Pipe for Rain Water Harvesting Pit) (BWSSB SR 2017-18, Pg No 121 Item No. 1.17 Code No. K010Q)	m	111.50	11363.44	Rupees Eleven Thousand Three Hundred Sixty Three and Paise Forty Four Only
4	Providing of Geonets for Rain Water Harvesting pit on top of the filter media as specified in drawings or as approved by Engineer Incharge. Data Rate	Sqm	19.22	74.58	Rupees Seventy Four and Paise Fifty Eight Only
5	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. (P.No-13,I No-4.2,KPWD SR 2018-19)	Cum	1411.70	5780.92	Rupees Five Thousand Seven Hundred Eighty and Ninty Two Only

For M/s. ACR Projects

Proprietor

Sl. No.	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor	
				Rate	Rate in Words
	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200 including cost of materials, labour, HOM complete as per specifications do- Wall & bottom thickness 15cm (I No-37.59.2, P No-271, KPWD SR 2018-19)	Cum	2805.91	7423.71	Rupees Seven Thousand Four Hundred Twenty Three and Seventy One Only
7	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200 (I No-28.8.2, P No-229)	Tonne	170.78	75943.33	Rupees Seventy Five Thousand Nine Hundred Forty Three and Paise Thirty Three Only
8	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc. complete As per Engineer incharge. (Data Rate)	Sqm	198.78	5688.90	Rupees Five Thousand Six Hundred Eighty Eight and Paise Ninty Only
9	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting, including form work, cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc. complete (Data Rate)	Sqm	7511.40	2453.85	Rupees Two Thousand Four Hundred Fifty Three and Paise Eighty Five Only
10	KSRRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.No-13, I No-4.6)	Cum	56.76	6034.69	Rupees Six Thousand Thirty Four and Paise Sixty Nine Only
11	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete (P.No-27, I No-5.30)	Nos	6306.00	454.10	Rupees Four Hundred fifty four and Paise ten Only
12	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (P.No-180, I No-24.1)	Sqm	1135.20	89.04	Rupees Eighty Nine and Paise Four Only
13	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specification MORTH Specification No.301 Loading and unloading with 10km lead = (I No-19.14, P No-143) 10km lead = (1.28x2x10)	Cum	1040.40	67.47	Rupees Sixty Seven and Paise Forty Seven Only
14	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occurring during rolling including cost of all labour, HOM complete as per specifications. MORTH / Chapter 3 (I No-19.64, P No-147)	Sqm	3468.00	6.68	Rupees Six and Paise Sixty Eight
15	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision. (I No-20.5, P No-153)	Cum	834.48	2094.67	Rupees Two Thousand Ninty Four and Paise Sixty Seven Only

For M/s. ACR Projects
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 Proprietor

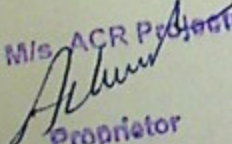
Sl. No.	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor	
				Rate	Rate in Words
	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18)	Cum	1251.72	2101.34	Rupees Two Thousand One Hundred one and Paise Thirty Four Only
17	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158,I No-21.6)	Sqm	5563.20	35.62	Rupees Thirty Five and Paise Sixty Two Only
18	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revision using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (P.No-160,I No-21.17.6)	Cum	278.16	7799.90	Rupees Seven Thousand Seven Hundred Ninty Nine and Paise Ninty Only
19	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications (P No-161,I No-21.7)	Sqm	11629.80	13.36	Rupees Thirteen and Paise Thirty Six Only
20	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)(P.No-171,I No-21.78.12)	Cum	430.51	9134.39	Rupees Nine Thousand One Hundred Thirty Four and Paise Thirty nine Only
21	KSRRB M800-13 Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC-35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803(P.No-182,I No-24.15)	Sqm	424.40	477.48	Rupees Four Hundred Seventy Seven and Paise Forty Eight Only
22	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. complete, all as per specification and direction of the Engineer-in-Charge including the cost and conveyance of all materials, cost of labour for all items of work, equipment and other incidental charges for the successful completion of the work.	Cum	220.73	339.07	Rupees Three Hundred Thirty Nine and Paise Senen Only
23	Earth Filling to the sides of foundation and basement with available excavated & approved earth (excluding rock), including watering, tamping and compaction in layers of 15 cms. thick with all lead and lift and as directed by the Engineer-in-charge including the cost of labour for all items of work, equipment and other incidental charges for the successful completion of the work.	Cum	285.36	227.03	Rupees Two Hundred Twenty Seven and Paise Ninty Three Only

For M/s. ACR Projects

Proprietor

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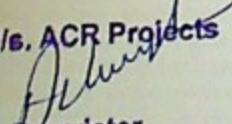
Description of work	Unit	Approved Qty	Rate Quoted by the Contractor	
			Rate	Rate in Words
Providing and Injecting chemical emulsion for Pre-constructural Anti-termite Treatment by supplying and spraying chemicals chloropyriphos emulsifiable concentrates of 20% concentration, as per IS:6313-1981 and in accordance with manufacturer's specifications with lead and lift for all materials, creating a chemical barrier under and around the column pits, wall trenches, basement excavations, top surface of plinth, junction of wall and floor, along the external perimeter of building, expansion joints, surroundings of pipes and conduits etc., complete including cost and conveyance of all materials and other incidental charges and as per the directions of the Engineer-in-Charge. (Plinth area of the building at the ground floor only shall be measured).	Sqm	242.44	120.20	Rupees One Hundred Twenty and Paise Twenty Only
25 KSRB 4-1.7 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregates @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.	Cum	56.50	6020.41	Rupees Six Thousand Twenty and Paise Forty One Only
26 Providing and laying in position plain cement concrete of mix 1:2:4 using 20mm and downsize clean hard graded jelly of selected quality and clean sieved approved sand for Plinth course, String or Lacing courses, Copings, Sills, Bed Blocks, Anchor Blocks etc. including machine mixing, finishing with necessary formwork, laying, curing etc. complete, cost and conveyance of all materials, labour, HOM of machinery and all other incidental charges and as per directions of the Engineer-in-charge of the work.	Cum	13.12	6148.55	Rupees Six Thousand One Hundred forty Eight and Paise Fifty Five Only
First Floor Sills	Cum	2.84	6216.59	Rupees Six Thousand Two Hundred Sixteen and Paise Fifty Nine Only
27 KSRB 4.2.2: Providing and laying in position reinforced cement concrete of design mix M20, with 20mm and down size graded granite metal coarse aggregates and fine aggregates, with superplastisiser conforming to IS 9103-1999 Reaffirmed-200B, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window Sills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications, and directions of Engineer-in-charge for the successful completion of the work. (excluding centering & shuttering works, cost of steel & fabrication charges).	Cum	21.10	6417.31	Rupees Six Thousand Four Hundred Seventeen and Paise Thirty One Only
For Columns, with RCC 1:1:2 mix concrete	Cum	77.39	6590.81	Rupees Six Thousand Five Hundred Ninty and Paise Eighty One Only
First floor	Cum	61.28	6658.85	Rupees Six Thousand Six Hundred Fifty Eight and Paise Eighty Five Only
For Lintels with RCC 1:1.5:3 mix concrete	Cum	4.94	6681.53	Rupees Six Thousand Six Hundred Eighty One and Paise Fifty Three Only
First Floor	Cum	4.94	6749.57	Rupees Six Thousand Seven Hundred Forty Nine and Paise Fifty Seven Only
28 Providing and removing centering, shuttering, strutting, propping etc. and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications.	Sqm	97.96	292.57	Rupees Two Hundred Ninty Tow and Paise Fifty Seven Only

For M/s. ACR Projects

 Proprietor

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Description of work		Unit	Approved Qty	Rate Quoted by the Contractor	
				Rate	Rate in Words
	Providing and removing centering, shuttering, strutting, propping etc. and removal of form work for columns, pillars, piers, abutments, posts and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specifications.	Sqm	68.64	517.10	Rupees Five Hundred Seventeen and Paise ten Only
	First floor	Sqm	68.64	545.45	Rupees Five Hundred Forty five and Paise Forty Five Only
30	Providing and removing centering, shuttering, strutting, propping etc. and removal of form work for sides & soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1.0m in depth including cost of all materials, labour complete as per specifications.	Sqm	423.24	331.13	Rupees Three Hundred Thirty one and Paise Thirteen Only
	First floor	Sqm	250.68	545.45	Rupees Five Hundred forty five and Paise Forty five Only
31	Providing and removing centering, shuttering, strutting, propping etc. and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specifications.	Sqm	254.62	498.96	Rupees Four Hundred Ninty Eight and Paise ninty Six Only
	First floor	Sqm	254.62	527.31	Rupees Five Hundred Twenty Sievn and Paise Thirty One Only
32	Providing and removing centering, shuttering, strutting, propping etc. and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specification.	Sqm	18.72	589.68	Rupees Five Hundred Eighty Nine and Paise Sixty Eight Only
	First floor	Sqm	18.72	618.03	Rupees Six Hundred Eightee and Paise Three Only
33	Providing and fabricating Mild steel / High Yield Strength cold twisted Deformed steel bars conforming to IS:1786-1961 (Tor steel) including straightening, cutting, bending, hooking, lapping and / or welding wherever required, placing in position, tying with binding wire of approved quality and guage including the cost of binding wire and anchoring to the adjoining members wherever necessary including all laps and wastages, cost of conveyance of high yield strength cold twisted deformed bars and binding wire etc. complete as per design, specification and directions of the Engineer-in-charge of the work including cost & conveyance of all materials & other incidental charges, cost of labour for all items of work, HOM of machinery, lead & lift, loading & unloading etc. complete. (laps, hooks and wastages shall not to be measured and paid).	Tonne	18.61	80475.44	Rupees Eighty Thousand Four Hundred Seventy Five and Paise Forty four Only
34	Providing and constructing granite or basalt Size Stone Masonry, in Foundation & Plinth with CM 1:6 (1 Cement : 6 Coarse sand), stones hammer dressed in courses not less than 20cms. high using through bond stones at 200cm apart in each course including cost and conveyance of all materials and other incidental charges, curing etc. complete and all as per specifications and directions of the Engineer-in-charge of the work.	Cum	35.78	5211.88	Rupees Five Thousand Two Hundred Eleven and Paise Eighty Six Only
35	KSRB 5-14: Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 havinga minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. - do - with solid concrete blocks of size 400x200x200mm	Sqm	300.06	1090.91	Rupees One Thousand Ninty and Paise Ninty One Only
	First Floor	Sqm	300.06	1130.60	Rupees One Thousand One Hundred Thirty and Paise Sixty Only
	Terrace Floor	Sqm	103.32	1170.29	Rupees One Thousand One Hundred Seventy and Paise Twenty Nine Only

Description of work	Unit	Approved Qty	Rate Quoted by the Contractor	
			Rate	Rate in Words
KSRB 5-15: Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m ³ having a minimum average compressive strength of 4.00 N/mm ² conforming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications.	Sqm	57.36	919.67	Rupees Nine Hundred Nineteen and Paise Sixty Seven Only
First Floor	Sqm	57.36	959.36	Rupees Nine Hundred Fifty nine and Paise Thirty Six Only
37 KSRB 15-3.14/15-7: Providing 12mm thick plain plastering in single coat to internal ceiling & RC surfaces in cement mortar 1:4 (1 cement : 4 fine sand) including providing & removing necessary scaffolding, rounding of corners wherever required, smooth rendering with lime, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading, with all lead and lifts etc., complete & as per specification and as directed by Engineer.	Sqm	382.46	255.15	Rupees Two Hundred Fifty five and Paise fifteen Only
First Floor	Sqm	382.46	261.95	Rupees Two Hundred sixty one and Paise Ninty five Only
Second Floor	Sqm	25.00	268.76	Rupees Two Hundred sixty eight and Paise Seventy Six Only
38 KSRB 15-3.5/15-7: Providing 15mm thick plain plastering in single coat to internal masonry surfaces, in cement mortar 1:4 (1 cement : 4 fine sand) including providing & removing necessary scaffolding, rounding of corners wherever required, smooth rendering with lime, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading, with all lead and lifts etc., complete & as per specification and as directed by Engineer.	Sqm	608.84	286.80	Rupees Two Hundred Eighty Six and Paise Ninty Only
First Floor	Sqm	608.84	300.51	Rupees Three Hundred and Paise fifty one Only
39 KSRB 15-3.5/15-4.7: Providing 15mm thick plain plastering in single coat to external masonry surfaces, in cement mortar 1:4 (1 cement : 4 fine sand) including providing & mixing water proofing compound of approved quality and make as admixture to cement mortar as per manufacturer's specifications, providing & removing necessary scaffolding, rounding of corners wherever required, sponge finishing, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading, with all lead and lifts etc., complete & as per specification and as directed by Engineer.	Sqm	325.28	260.82	Rupees Two Hundred Sixty and Paise Eighty Two Only
First Floor	Sqm	325.28	274.43	Rupees Two Hundred Seventy four and Paise forty three Only
40 KSRB 15-5.1: Providing 15mm thick rough plastering in single coat to internal / external surfaces, in cement mortar 1:4 (1 cement : 4 fine sand) including finishing rough to receive tiling work, providing & removing necessary scaffolding, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading, with all lead and lifts etc., complete & as per specification and as directed by Engineer. for Ground floor	Sqm	62.40	232.47	Rupees Two Hundred thirty two and Paise forty seven Only
First Floor	Sqm	62.40	239.27	Rupees Two Hundred thirty nine and Paise twenty seven Only

For M/s. ACR Projects

 Proprietor

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Description of work	Unit	Approved Qty	Rate Quoted by the Contractor	
			Rate	Rate in Words
Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification. KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. with primer Internal Masonry wall surfaces	Sqm	2007.61	190.51	Rupees one Hundred ninty and Paise fifty one Only
42 Providing textured paint of approved quality, colour and shade to wall surface after cleaning and rubbing the wall surface with wire brush of medium size emery stone to remove all the loosely adhering particles, the surface is then cleaned with water and ensured that it is in line and level. The textured material is then mixed with 40-50% of clean water until a homogeneous thick slurry is formed, the slurry is left for 5-10 min, to react completely with ingredients. The textured finish prepared as above is then applied to the wall surface with suitable roller/spray gun/putty/ blade/ trowel to get the desired finish. The finished surface shall be applied with two coats of exterior paint of approved shade. The rate includes providing and removing scaffolding, all lead and lift and all other incidental charges etc., complete as per directions of the Engineer-in-charge of the work.	Sqm	325.28	497.83	Rupees four Hundred ninty seven and Paise eighty three Only
First floor	Sqm	325.28	502.36	Rupees five Hundred two and Paise thirty six Only
43 Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after thoroughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.	Sqm	27.36	154.22	Rupees one Hundred fifty four and Paise twenty two Only
First floor	Sqm	27.36	163.30	Rupees one Hundred sixty three and Paise thirty Only
44 Providing and laying flooring with Vitrified tiles of size 600mm x 600mm and of 10mm minimum thick of first quality and of approved make & sample, conforming to IS specifications, laid on a bed of 12mm thick cement mortar 1:3 (1 cement : 3 fine sand) with a thin coat of cement slurry on a prepared bed / floor slabs including finishing the joints with matching coloured cement, oxalic acid wash, waxing, curing etc. with all lead and lift etc. complete as per the directions of the Engineer-in-charge including cost & conveyance of all materials, cost of labour for all items of work, equipment and all other incidental charges for the successful completion of the work.	Sqm	120.00	1106.78	Rupees One Thousand One Hundred six and Paise seventy eight Only
First Floor	Sqm	120.00	1109.05	Rupees One Thousand One Hundred nine and Paise five Only
45 Providing and fixing dadoing with Glazed tiles of approved size, make & sample and of 6mm minimum thick of first quality, conforming to IS specifications, set in cement mortar 1:3 (1 cement : 3 fine sand) 10mm thick with a thin coat of cement slurry on the rough plastered surfaces including finishing the joints with matching coloured cement, oxalic acid wash, waxing, curing etc. with all lead and lift etc. complete as per the directions of the Engineer-in-charge including cost & conveyance of all materials, cost of labour for all items of work, equipment and all other incidental charges for the successful completion of the work.	Sqm	62.40	1441.31	Rupees One Thousand four Hundred forty one and Paise thirty one Only

For M/s. ACR Projects

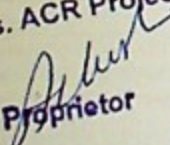
Description of work	Unit	Approved Qty	Rate Quoted by the Contractor	
			Rate	Rate in Words
First Floor	Sqm	62.40	1443.58	Rupees One Thousand four Hundred forty three and Paise fifty eight Only
6 Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to match shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications -do- using silver grey granite/Multi Red/Ruby Red/Black/ Hassan Green Granite of width not less than 1200mm.	Sqm	82.14	3106.03	Rupees three Thousand one Hundred six and Paise three Only
First Floor	Sqm	82.14	3108.29	Rupees three Thousand one Hundred eight and Paise twenty nine Only
47 Providing and fixing skirting of 100mm high using prepolished water cut/gang saw of 19mm thick grey granite 0.5mm wide chamfered width and depth and fixing in CM 1:4 of 20mm thick after chipping the walls etc., & Providing half nosing for 20mm thick granite slab using required machinery including cost & conveyance of all materials, cost of labour for all items of work, equipment and all other incidental charges for the successful completion of the work.	Sqm	157.60	1064.83	Rupees one Thousand sixty four and Paise eighty three Only
First floor	Sqm	157.60	1067.09	Rupees one Thousand sixty seven and Paise nine Only
48 KSRB 9.4-2: Providing Red Sal wood frames for doors, wrought, framed or assembled including making plaster grooves (excluding cost of concrete and side clamps) including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading, with all lead and lifts etc., complete & as per specification and as directed by Engineer. (samples to be got approved before execution)	Sqm	2.54	68736.28	Rupees Sixty Eight Thousand Seven hundred thirty six and Paise twenty eight Only
49 Fixing of Door frames in an existing opening including embedding frame in floor and walls after cutting masonry for embedding holdfasts including providing & fixing 3/4 of MS hold fasts of size 200x20x3mm for each side and fixed to the frame and embed with PCC 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size), painting two coats of coal tar to sides of frames, making good the damages to walls & floor as required and disposal of debris including cost of materials, labour, HOM of machineries complete as per specifications all as per the drawing and as per the directions of the Engineer-in-charge of the work.	Cum	15.00	1549.04	Rupees one Thousand five hundred forty nine and Paise four Only
First Floor	Cum	15.00	1553.58	Rupees one Thousand five hundred fifty three and Paise fifty eight Only
50 Providing and fixing in position panelled shutters for doors made out of honnewood styles and rails of 40mm thick with bottom and lock rails 180mm wide, top rail and styles 100mm wide and panels of 18mm thick of exterior grade plain particle board, fixed with necessary teakwood beading including cost of materials, labour, HOM of machineries complete as per specifications with all lead & lift, loading & unloading and all other incidental charges etc. all as per the drawing and as per the directions of the Engineer-in-charge of the work (excluding cost of fixtures).	Sqm	16.38	4001.89	Rupees four Thousand one and Paise eighty nine Only
First Floor	Sqm	16.38	4006.42	Rupees four Thousand six and Paise forty two Only

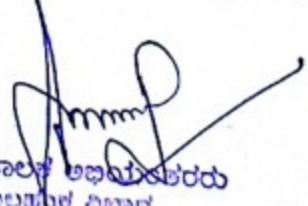
For M/s. ACR Projects

Proprietor

ಕಾರ್ಯದರ್ಶಿ ಅಭಿಯಂತರರು
ಯಶವಂತ ವಠಾರಿ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು - 560064

Description of work	Unit	Approved Qty	Rate Quoted by the Contractor	
			Rate	Rate in Words
Providing and fixing rigid PVC multi chamber hollow section for door and with profile of extruded section stipulated as per I.S 130034-1990, frames should be of size 50x50x2.5 mm, Weight 0.79 Kg / meter and double wall EPDM gasket reinforced with electrogalvanised cold rolled sheet chambers of size 25x17x1.6 mm, Weight 0.90 Kg / meter, multi chamber section assembled to the required galvanised steel of 10 mm dia. outer edge of shutter to be provided with P.V.C channels of size 35x35x2 mm, Weight of 0.31 Kg / meter, having interlocking facility including fixtures like Aluminium Aldrop, Tower bolts, door handles etc., all complete as per the directions of the Engineer-in-charge of the project.	Sqm	12.60	3685.50	Rupees three Thousand six hundred eighty five and Paise fifty Only
First Floor	Sqm	12.60	3690.04	Rupees three Thousand six hundred ninety and Paise four Only
52 KSRB 7.8 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be thoroughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour charges and HOM complete as per specifications.	Sqm	27.36	3773.95	Rupees three Thousand seven hundred seventy three and Paise ninety five Only
First floor	Sqm	27.36	3780.76	Rupees three Thousand seven hundred eighty and Paise seventy six Only
53 Providing and fixing MS grill work for windows and ventilators weighing 21 kgs./ sqm. using MS flats or MS square bars or combination of MS flats and square bars as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat red lead primer & two coats synthetic enamel paint, cost of materials, fixtures, labour and HOM of machinery complete as per technical specification and as directed by the Engineer-in-Charge of work with all lead & lift, loading & unloading and all other incidental charges etc.	Kg	574.56	107.73	Rupees One hundred seven and Paise seventy three Only
First floor	Kg	574.56	114.53	Rupees One hundred fourteen and Paise fifty three Only

For M/s. ACR Projects

 Proprietor


 ಕಾರ್ಯಪಾಲಕ ಮುಖ್ಯಮಂತ್ರಿ
 ಯಶವಂತಿ ವಿಭಾಗ
 ಸಿ.ಆರ್.ಆರ್. ಕಛೇರಿ - 560034

Description of work	Unit	Approved Qty	Rate Quoted by the Contractor	
			Rate	Rate in Words
Providing & applying water proofing to concrete surfaces using high quality polymer-modified bituminous compounds (confirming to ASTM Sqm D 5147) reinforced with non woven polyester fabric, weighing 180gml sqm granular finish 4mm thick by torch on application method confirming to the properties indicated below. It shall be provided after priming the surface using bitumen primer at 0.2 ltr/sqm. Detailed specification & Methodology 1. Membrane thickness 4mm (+ or - 5%) 2. Tensile strength - Longitudinal 790 N15cm Transverse 730 N15cm 3. Elongation of Membrane - Longitudinal 65% Transverse 69% 4. Tear Resistance - Longitudinal 180 N Transverse 190 N 5. Lap joint strength - Longitudinal 750 N15cm Transverse 550 N15cm 6. Puncture Resistance - Static 1.4 Dynamic 1.3 7. Water absorption - < 0.15% 8. Water permeability - Nil 9. Chemical resistance - Chloride, sulphate and Nitrate The area to be water proofed shall be free from loose aggregate, dust free and in dry condition. Primer must be applied to the surface and allowed to dry prior to application of membrane. The membrane shall be applied within 6 hours after application of primer. The membrane comes in a roll form shall be unrolled and placed in the	Sqm	220.68	487.62	Rupees Four hundred eighty seven and Paise sixty two Only
55 KSRB 13-11.1: Over Head Synthetic Tanks - Providing, Placing on Terrace, Polyethylene storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications for 2000 Litres Capacity including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading, with all lead and lifts etc., complete & as per specification and as directed by Engineer.	Nos	1.00	7742.95	Rupees seven thousand seven hundred forty two and Paise ninety five Only
56 supplying heavy gauge pvc conduit pipe... dia confirming to IS 2509 with suitable size bends. Junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 70mm using NF screws (ELE SR 2019-20 Page-2, Item-1.1.2)	mtr	168.00	68.25	Rupees sixty eight and Paise twenty five Only
57 Supplying... mm dia 2mm/2.5mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GI fish wire wherever necessary (ELE SR 2019-20 Page-2, Item-1.2.2)	mtr	168.00	55.65	Rupees fifty five and Paise sixty five Only
58 Groove cutting in the wall supplying... Dia 2mm/2.5mm thick heavy gauge PVC Conduit pipe with bends, metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out conduit wherever necessary (ELE SR 2019-20 Page-2, Item-1.3.2)	mtr	138.00	56.70	Rupees fifty six and Paise seventy Only
59 Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for cable/conduit entry as required with one coat of approved make etc., (ELE SR 2019-20 Page-2, Item-1.4.5)	Each	18.00	116.55	Rupees one hundred sixteen and Paise fifty five Only
60 supplying and fixing PVC/ Metal conduit accessories. (3/5) (ELE SR 2019-20 Page-3, Item-1.5.3)	Each	6.00	63.00	Rupees Sixty three Only
61 Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete. (ELE SR 2019-20 Page-3, Item-1.6.1-1.6.8)	mtr	60.00	107.10	Rupees one hundred Seven and Paise ten Only
62 Supplying and wiring adopting loop system in existing PVC Conduit/ casting capping using copper PVC insulated multi strand 2x1.5sqmm copper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box. The outer end of the wires shall be terminated with sufficient loose length in a wood / PVC round block. complete for each outlet. (ELE SR 2019-20 Page-5, Item-2.1.2)	Each	12.00	288.75	Rupees two hundred eighty eight and Paise seventy five Only

Sl. No.	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor	
				Rate	Rate in Words
	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos, of machines screws, bolts nuts etc., complete on the existing metal/PVC box, ELE SR 2019-20 Page-9, Item-3.5.3)	No	30.00	183.75	Rupees one hundred eighty three and Paise seventy five Only
64	Supplying and fixing of 32 Amps security and energy saving DP switch with key tag suitable to operate on 230 volts, 50Hz AC supply and completely wired on existing box. ELE SR 2019-20 Page-10, Item-3.7)	Each	12.00	714.00	Rupees seven hundred fourteen Only
65	Wiring for lighting/power circuit using one of pvc insulated 1100v grade, multistrand copper conductor single core cable in open or concealed system of wiring ELE SR 2019-20 Page-5, Item-2.3.1-2.3.7)	mtr	516.00	21.53	Rupees twenty one and Paise fifty three Only
	b) 6 sqmm	mtr	474.00	73.50	Rupees seventy three and Paise fifty Only
66	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm... Etc as required. ELE SR 2019-20 Page-3, Item-1.8.1)	Each	90.00	23.10	Rupees twenty three and Paise ten Only
67	Supplying PVC/GI Flexible conduit pipe.. Mm dia fixing on surface over inverted wooden pugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and either end of the pipe terminated completely. ELE SR 2019-20 Page-3, Item-1.9.1)	Each	96.00	23.10	Rupees twenty three and Paise ten Only
68	Extra for supplying 4mm thick white plastic plate and covering for junction boxes of size 110mm conduit using necessary machine screws.. ELE SR 2019-20 Page-10, Item-3.10.2)	Each	96.00	11.55	Rupees Eleven and Paise fifty five Only
69	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 20mm nominal OD pipes. (P.No.99, I.No. 13.86.2 of PWD SR 2018-19)	Rmt	330.00	254.15	Rupees Two hundred fifty four and Paise fifteen Only

For M/s. ACR Projects

Signature of the Contractor

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64